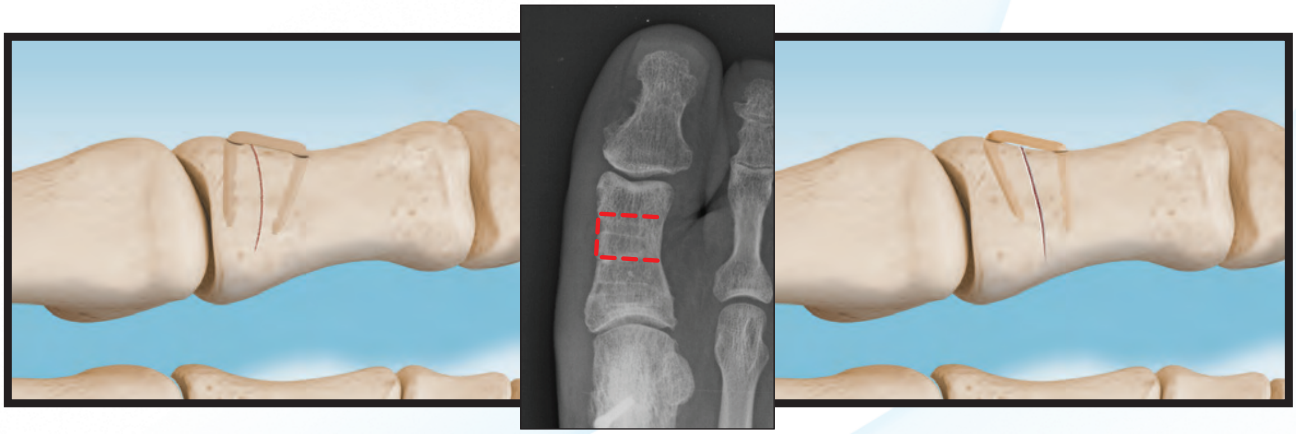
The Invisible Akin

INVISIBLE ON X-RAY

PEEK COMPRESSION STAPLE

OS2®-vp

Low Profile Design



9mm Compression Staples

Compression on Release Design

Teeth Ensure Stability

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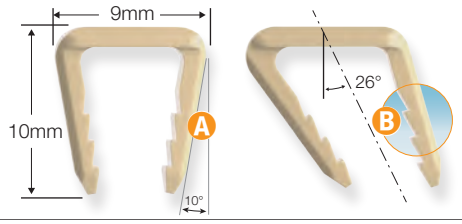
PEEK COMPRESSION STAPLE

OS2®-vp

Low Profile Design / 90° Straight & 26° Angled



A COMPRESSION - The compression on release design legs of the Staple converge 20°

B PRIMARY STABILITY - The compression Staple's teeth design ensure primary stability on insertion

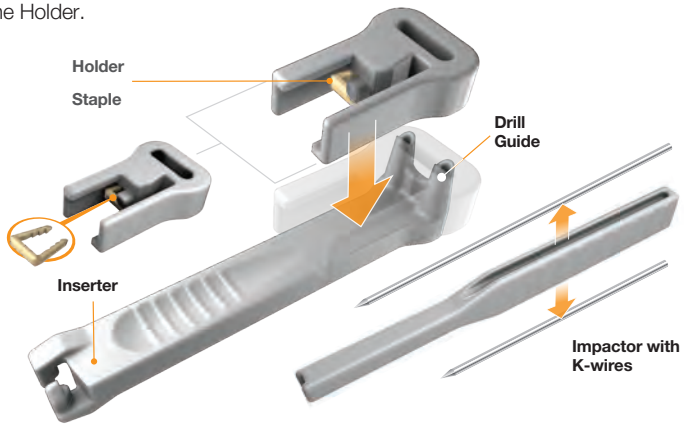
- Designed for Akin type osteotomies with compression on release
- PEEK radiolucency and biocompatibility
- No nickel or metal sensitivity concerns
- 26° Angled option designed to match the metaphysis of the phalanx

This staple is **invisible on x-ray** (radiolucent). It is manufactured from high strength, medical-grade polyetheretherketone (PEEK). PEEK is an inert polymer that exhibits excellent mechanical and thermal properties. These properties make PEEK the most suitable material for an invisible Akin staple. Further benefits of PEEK are as follows:

- Radiolucent for easy, artifact-free monitoring and assessment of the healing site.
- Bone-like modulus

STAPLE SETUP

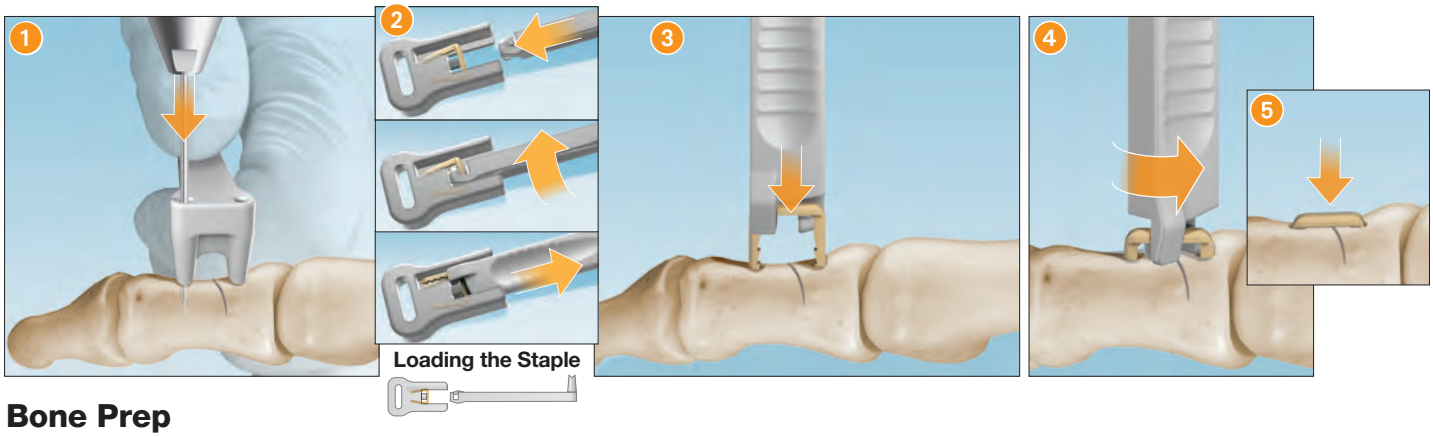
After opening the sterile pack, release the Loader from the Holder/Drill Guide. Free the K-wires from the Impactor/Tamp. The OS2®-vp Staple is nested within the Holder.



ORDERING INFO

CAT NO.	SIZE [mm]	STYLE
T40 SP190	OS2®-vp - Staple Kit	90° Interaxis 9mm
T40 SP126	OS2®-vp - Staple Kit	26° Interaxis 9mm

TECHNIQUE FOR AKIN OSTEOTOMY



Bone Prep

1 Position the Drill-guide end of the combo Inserter on the bone bridging the osteotomy. Use the 1.6 x 70mm K-wire to drill the first hole. Leave the K-wire embedded and drill the second hole with the 1.6 x 100mm K-wire. Remove the Drill Guide / Inserter and both wires and prepare to insert the Staple.

Load and Insert the Staple

2 Using the Inserter end of the Drill Guide combo, carefully **load the Staple** by sliding it into the Holder well at 90°. A firm quarter turn clockwise should engage the Staple, spreading the legs and loading the compression Staple. 3 Insert the Staple into the prepared holes. 4 When the Inserter / Staple combo is flush to the bone, release the Staple with a quarter turn counterclockwise. When released from the Inserter, the Staple legs converge to provide compression across the fusion site. 5 Use the Impactor to seat the Staple flush to the bone as desired.

In2Bones

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